

WHAT IS CLAIMED IS:

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1. A method for processing anti-aliased images comprising:
characterizing an anti-aliased input image using one or more
loose-templates; and
processing the characterized image to affect a second image.
5. 2. The method of claim 1, wherein the step of processing control at least
one or more line-widths of the second image.
10. 3. The method of claim 1, wherein the step of characterizing the
anti-aliased image includes:
extracting one or more image portions from the anti-aliased input
image; and
performing a pattern matching operation between at least one loose-
template and at least one image portion to produce a screen containing at least one or
more features.
15. 4. The method of claim 3, wherein the step of characterizing further
includes arbitrating between at least two or more features in the screen.
5. The method of claim 4, wherein the step of arbitrating effectively
eliminates at least one feature.
20. 6. The method of claim 4, wherein the step of arbitrating produces a new
feature.
7. The method of claim 4, wherein the step of characterizing further
includes arbitrating between at least two or more screens.
8. The method of claim 1, wherein the step of characterizing further
includes producing one or more feature vectors.
25. 9. The method of claim 1, wherein the second image is an anti-aliased
image.
10. The method of claim 1, wherein the step of characterizing includes
reducing a resolution of at least a portion of the anti-aliased input image.
30. 11. The method of claim 10, further comprising comparing the anti-aliased
image portion to at least one template.
12. The method of claim 2, wherein controlling the line-width of at least
one of the one or more lines of the second image includes controlling a growth of the
at least one line-width.

13. The method of claim 12, wherein controlling the line-widths uses at least a look-up table.

14. An apparatus for processing images comprising:
one or more loose-templates; and
5 a control device that affects a second image based on the one or more loose-templates and an anti-aliased image.

15. The apparatus of claim 14, wherein the control device controls at least one or more line-widths of the second image.

16. The apparatus of claim 14, further comprising:
10 a windowing device that extracts one or more image portions from the anti-aliased image; and
a pattern matching device that performs at least one pattern matching operation between at least one loose-template and at least one anti-aliased image portion to produce a screen containing at least one or more features.

15 17. The apparatus of claim 16, further comprising an arbitration device that arbitrates between at least two or more features in the screen.

18. The apparatus of claim 17, wherein the arbitration device effectively eliminates at least one feature.

19. The apparatus of claim 17, wherein arbitration device produces a new
20 feature.

20. The apparatus of claim 17, wherein the arbitration device further arbitrates between at least two or more screens.

21. The apparatus of claim 14, wherein the control device produces one or
more feature vectors based on the anti-aliased input image and one or more
25 loose-templates.

22. The apparatus of claim 14, wherein the second image is a second anti-aliased image.

23. The apparatus of claim 14, wherein the windowing device reduces a resolution of at least a portion of the anti-aliased image.

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